DOW, LOHNES & ALBERTSON, PLLC STAMP & RETURN

BARRY S. PERSH DIRECT DIAL 202-776-2458 bpersh@dowlohnes.com

WASHINGTON, D.C.

1200 NEW HAMPSHIRE AVENUE, N.W. - SUITE 800 - WASHINGTON, D.C. 20036-6802 TELEPHONE 202-776-2000 • FACSIMILE 202-776-4458 www.dowlohnes.com

ONE RAVINIA DRIVE - SUITE 1600 ATLANTA, GEORGIA 30346-2108 TELEPHONE 770-901-8800

FACSIMILE 770-901-8874

July 8, 2004

RECEIVED

Marlene H. Dortch, Esq. Secretary Federal Communications Commission 445 12th Street, S.W. Washington, DC 20554 ATTN: Video Services Division

JUL - 8 2004

Federal Communications Commission Office of Secretary

Re:

Request for Correction to License

NCE Station WOUB-DT, Athens, OH (F.I.N. 50147)

FCC File No. BLEDT-20030411ABC

FRN: 0005012729

Dear Ms. Dortch:

On behalf of Ohio University ("University"), we respectfully request a correction to the digital television license issued by the FCC in File No. BLEDT-20030411ABC for noncommercial educational Station WOUB-TV/DT, Athens, Ohio.

On page 3, the license indicates the incorrect DTV antenna model and beam tilt. The antenna type should read "DIE TUF-04-10/40H-SP-1-T" and the beam tilt should read "0.75" degrees, as noted on the enclosed, corrected license. (The DTV antenna information should match the analog antenna information.)

Also enclosed is a copy of the FCC Form 302-DTV license to cover application for WOUB-DT, as filed electronically in BLEDT-20030411ABC. Please note the antenna data in Section III, Item 3 of the application corresponds with the correction requested herein, as does the Exhibit 7 antenna substitution explanation submitted pursuant to Section 73.1690(c) of the FCC's rules.

Should any questions arise concerning this matter, kindly contact this office.

Very truly yours,

Barry S. Persh

Enclosures

#### United States of America

# FEDERAL COMMUNICATIONS COMMISSION DIGITAL/TELEVISION BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

OHIO UNIVERSITY

9 SOUTH COLLEGE STREET

ATHENS OH 45701

Facility Id: 50147

Clay C. Pendarvis

Associate Chief

Video Division

Mass Bureau

Grant Date: May 12, 2004

This license expires 3:00 a.m. local time, October 01, 2005.

Analog Call Sign: WOUB-TV Digital Call Sign: WOUB-DT

Analog License File Number: BMLET-20020807ACG Digital License File Number: BLEDT-20030411ABC

This license covers Analog Permit No.: BLET-20010308AAV
This license covers Digital Permit No.: BPEDT-20000407ABU

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

ANALOG TELEVISION ENGINEERING DATA

Callsign: WOUB-DT License No.: BLEDT-20030411ABC

Name of Licensee: OHIO UNIVERSITY

Station Location: OH-ATHENS

Frequency (MHz): 506 - 512

Carrier Frequency (MHz): 507.25 Visual 511.75 Aural

Channel: 20

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670

of the Commission's Rules.

Antenna type: (directional or non-directional): Non-Directional

Description: DIE, TUF-04-10/40H-SP-1-T

Beam Tilt: 0.75 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 39 deg 18 min 52 sec

West Longitude: 82 deg 08 min 59 sec

Transmitter output power: 71 kW

18.51 DBK

Maximum effective radiated power (Peak): 1000 kW

30 DBK

Height of radiation center above ground: 255 Meters

Height of radiation center above mean sea level: 494 Meters

Height of radiation center above average terrain: 242 Meters

Antenna structure registration number: 1041734

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

DIGITAL TELEVISION DATA

Name of Licensee: OHIO UNIVERSITY

Station Location: OH-ATHENS

Frequency (MHz): 548 - 554

Channel: 27

Hours of Operation: Unlimited

Callsign: WOUB-DT

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Non-Directional

Description: DIE, 888-20-ND (TUF-04-10/40H-5P-1-T

Beam Tilt: 9-5 Degrees Electrical

Major lobe directions (degrees true): Not Applicable

Antenna Coordinates: North Latitude: 39 deg 18 min 52 sec

West Longitude: 82 deg 08 min 59 sec

Transmitter output power: 16.25 kW

Maximum effective radiated power (Average): 250 kW

24 DBK

Height of radiation center above ground: 255 Meters

Height of radiation center above mean sea level: 494.2 Meters

Height of radiation center above average terrain: 242.3 Meters

Antenna structure registration number: 1041734

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

\*\*\* END OF AUTHORIZATION \*\*\*

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0837 (June 2002)	FOR FCC USE ONLY
FCC 302-DTV	*	
APPLICATION FOR DIGITA BROADCAST STATION	LICENCE	FOR COMMISSION USE ONLY FILE NO. BLEDT - 20030411ABC
Read INSTRUCTIONS Before Fi	lling Out Form	
Section I - General Information		

<u>s</u>	ection I - General Information			
1	Legal Name of the Applicant			
	OHIO UNIVERSITY	OHIO UNIVERSITY		
	Mailing Address 9 SOUTH COLLEGE STREE	Γ		
	City ATHENS		State or Country (if foreign address)  ZIP Code	
	Telephone Number (include ard 7405931771	ea code)	E-Mail Address (if available) WISEMAN@OHIO.EDU	45701 - 2979
	FCC Registration Number: 0005012729	Call Sign WOUB-DT	Facility Identifier 50147	
2.	Contact Representative (if other MARGARET L. MILLER	,	Firm or Company Name DOW, LOHNES & ALBERTSON, PL	IC
	Telephone Number (include are 2027762000	·	E-Mail Address (if available)	
3.	3. If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114):  1. Feeilier 1.6. Noncommercial Educational Licensee/Permittee C Other			.R. Section 1,1114):
4.	Facility Information:		Dicensee/Ferminee Other	1
	a. C Commercial	© Noncommercial		
	b. 🍳 Main	C Auxiliary		
	c. Community of License:			
	City: ATHENS		State: OH	
5.	Program Test Authority:		]	
	C Requesting program test au	thority.		
			authority (47 C.F.R. Section 73.1620(a)	
	x ar pose or Application;			(1)).
Cover construction permit (list original construction permit file number starts with the prefix BPCDT, BPEDT, BMPCDT or BPMEDT):		BPEDT-		
	Modify an authorized license (list license file number starts with the prefix BLCDT, BMLCDT or BMLEDT):		20000407ABU -	
	• Amend a pending application if an amendment, submit as an I of the pending application that ar	Cybibit a listing to const	on and Question Number the portions	[Exhibit 1]
				[rymont 1]

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

Section II - Legal

12.11 dBk

16.25 kW

1.	application based on its review of the application instructions and worksheets.  Licensee/Permittee further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.		• Yes C No
2.	Licensee/Permittee certifies that all terms, conditions, and of construction permit have been fully met.	bligations set forth in the underlying	⊙ Yes C No
L			See Explanation in [Exhibit 2]
3.	Licensee/Permittee certifies that, apart from changes already has arisen since the grant of the underlying construction per statement or representation contained in the construction	mit which would result in any	⊙ Yes C No
	statement or representation contained in the construction per		See Explanation in [Exhibit 3]
4.	Character Issues. Licensee/Permittee certifies that neither I the application has or has had any interest in, or connection	icensee/permittee nor any party to with:	⊙ Yes C No
	a. any broadcast application in any proceeding where charac unresolved or were resolved adversely against the applica application; or	nt or party to the	See Explanation in [Exhibit 4]
5.	b. any pending broadcast application in which character issu		
	Adverse Findings. Licensee/Permittee certifies that, with re any party to the application, no adverse finding has been mabeen taken by any court or administrative body in a civil or of the provisions of any law related to the following: any felongunfair competition; fraudulent statements to another governments.	de, nor has an adverse final action criminal proceeding brought under	See Explanation in [Exhibit 5]
6.	Anti-Drug Abuse Act Certification. Licensee/Permittee cellicensee/permittee nor any party to the application is subject pursuant to Section 5301 of the Anti-Drug Abuse Act of 198	rtifies that neither	⊕ Yes C No
hei of ap	ertify that the statements in this application are true, complete made in good faith. I acknowledge that all certifications and reby waive any claim to the use of any particular frequency as the previous use of the same, whether by license or otherwise plication. (See Section 304 of the Communications Act of 193)	e, and correct to the best of my knowled attached Exhibits are considered mate as against the regulatory power of the U	erial representations. I
DR	. WATHT KICENDL	yped or Printed Title of Person Signin DEAN, COLLEGE OF COMMUNICA	lg TIONS
o1g	Dature	Pate 1/26/2004	
Sec	ction III - Engineering		
	CHNICAL SPECIFICATIONS	1000	

# Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable. TECH BOX 1. Channel: 27 2. Operating Constants Transmitter power output (average power at input to transmission line, after any filter attached to the transmitter, if used)

0.94 dB

	Antenna Input power	Maximum antenna power gain	Maximum	effective radiated power	
	11.17 dBk	12.83 dB	24 dBk	250 kW	
3.	Antenna Data				
	Manufacturer DIE	Model TUF-04-10/40H-SP-1	-T	]	
N m	OTE: In addition to the info ust be submitted for each q	ormation called for in this sequestion for which a "No" res	ction, an exp sponse is pro	lanatory exhibit providin vided.	g full particulars
C	ERTIFICATION				
4.	Main Studio Location. The	main studio location complie	s with 47 C.F	R. Section 73.1125.	• Yes C No
					See Explanation in [Exhibit 6]
5.	Constructed Facility The fapermit or complies with 47 (	acility was constructed as auth C.F.R. Section 73.1690.	orized in the	underlying construction	⊙ Yes O No
				***	See Explanation in [Exhibit 7]
6.	Special Operating Condition operating conditions, terms,	ons. The facility was construent and obligations described in the	icted in comp he construction	oliance with all special on permit.	• Yes C No
	An exhibit may be required	7 0			See Explanation in [Exhibit 8]
7.	Transmitter. The transmitte	er complies with 47 C.F.R. Sec	ction 73.1660	,	⊙ Yes C No
					See Explanation in [Exhibit 9]

# APPLICATION FILED PURSUANT TO 47 C.F.R. SECTIONS 73.1675(c) OR 73.1690(c).

Only applicants filing this application pursuant to 47 C.F.R. Sections 73.1675(c) or 73.1690(c) must complete the following section.

Changing transmitter power output. Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	O Yes ⊙ No
Replacing a directional antenna. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?  If "Yes" to the above, the applicant certifies the following:	C Yes € No
a. Pattern of Directional Antenna. The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3). Exhibit is required.	C Yes C No  See Explanation in [Exhibit 10]
Use a formerly licensed main facility as an auxiliary facility. Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	C Yes © No

	If "Yes" to the above, the applicant certifies the following:	
	a. Auxiliary antenna service area. The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a). Exhibit is required.	C Yes C No
	> .	See Explanation in [Exhibit 11]
	b. Environmental Protection Act. The proposed facility is excluded from environmental processing under 47 C.F.R. Section 1.1 306 (i.e., the facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).	C Yes C No  See Explanation in [Exhibit 12]
	By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.	
11.	Change the license status. Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(9) to change the license status from commercial to noncommercial or from noncommercial to commercial?	C Yes € No
	If "Yes" to above, submit an exhibit providing full particulars. For applications changing license status from commercial to noncommercial, include Section II of FCC Form 340 as an exhibit to this application.	[Exhibit 13]

## PREPARER'S CERTIFICATION ON PAGE 6 MUST BE COMPLETED AND SIGNED

### SECTION III - PREPARER'S CERTIFICATION

I certify that I have prepared Section III (Engineering data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

EMPLOYEE		e.g., Consulting Engineer)	
Signature	Date 01/20/2004		
Mailing Address 9 SOUTH COLLEGE STREET			
City ATHENS	State or Country (if foreign address) OH	Zip Code 45701 -	
Telephone Number (include area code) 7405934965	E-Mail Address (if available) WISEMAN@OHIO.EDU		

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

#### **Exhibits**

Exhibit 1
Description: AMENDMENT EXPLANATION

SECTION AMENDED: SECTION III, QUESTION 6, EXHIBIT 8

THIS AMENDMENT IS SUBMITTED AT THE REQUEST OF FCC STAFF TO REMOVE A REQUEST FOR WAIVER OF THE DTV SIMULCASTING REQUIREMENTS. THE ONLY CHANGE TO THE LICENSE APPLICATION ON FILE IN BLEDT-20030411ABC IS THE REMOVAL OF THE EX. 8 REQUEST FOR A SIMULCASTING/STATION ID WAIVER. AT THE TIME OF THE ORIGINAL FILING OF THE LICENSE APPLICATION, WOUB-DT WAS UNABLE TO MEET THE SIMULCASTING REQUIREMENTS. HOWEVER, THE NECESSARY EQUIPMENT IS NOW IN PLACE, WOUB-DT IS IN COMPLIANCE WITH THE SIMULCAST AND ID REGULATIONS, AND THE WAIVER IS NO LONGER REQUIRED.

#### Attachment 1

# Exhibit 7 Description: ANTENNA SUBSTITUTION

PURSUANT TO SECTION 73.1690(C), OHIO UNIVERSITY HAS INSTALLED AN DIFFERENT NON-DIRECTIONAL ANTENNA THAN THAT SPECIFIED BY THE WOUB-DT CONSTRUCTION PERMIT AND PERMIT APPLICATION.

THE STATION'S PERMIT SPECIFIED A TCI-888-20 (20 BAY) BROADBAND ANTENNA, WHICH WAS BID DUE TO ITS PHYSICAL CHARACTERISTICS OF LESS LOADING ON THE TOWER, ENABLING OHIO UNIVERSITY TO UTILIZE THE

EXISTING TOWER WITH MODIFICATIONS. THE SUBSTITUTED AND INSTALLED ANTENNA, A DIELECTRIC TUF-04-10/40H-SP-1-T, IS AN ELECTRICALLY

EQUIVALENT (20 BAY) ANTENNA WITHIN THE SAME PHYSICAL PARAMETERS, AND WAS BID AT A CONSIDERABLE COST SAVINGS FOR THIS NONCOMMERCIAL EDUCATIONAL STATION. DIELECTRIC PURCHASED THE TCI COMPANY DURING THE BID AWARD PROCESS.

THE DIELECTRIC ANTENNA IS 3 FEET (0.9 METERS) TALLER THAN THE TCI ANTENNA, RESULTING IN AN INCREASE IN THE ANTENNA CENTER OF RADIATION OF 1.5 FEET (0.5 METERS), A CHANGE WHICH COMPLIES WITH SECTION 73.1690(C) OF THE FCC RULES. THE RESULTING HEIGHT OF ANTENNA RADIATION CENTER ABOVE GROUND FOR WOUB-DT IS 255.5 METERS.

#### Attachment 7